Plans of the Sea Area Monitoring Conducted by Tokyo Electric Power Company (FY 2013) April 1, 2013 Tokyo Electric Power Company

		<u> </u>				Tokyo Electric Power Compan
	Place of Sampling	Place No. T-	Sampling	Content/Analysis Items	Analysis Frequency	Note
				Upper part (γ)	1/Day	(1) Upper part (γ), Middle part (γ), Lower part (γ): Nuclide analysis of γ
Coast	1F North Discharge Channel			Upper part (Pu)	1/Month	in the seawater at upper layer,
	of 5-6	1		Upper part (α,β,H-3,Sr)	1/Month	middle layer and lower layer.
				Upper part (Cs detail) Marine soil (y,Pu,Sr)	1/Week y: 1/Month, Pu,Sr: 1/2 Months	(2) Upper part (Pu): Analysis of Pu
	1F Around South Discharge Channel			Upper part (y)	1/Day	238, Pu-239+Pu240 at upper layer
				Upper part (Pu)	1/Month	of the sea. Analysis of U-234, U- 235, U-238, Am-241, Cm242 and
		2-1	Seawater	Upper part (α,β,H-3,Sr)	1/Month	Cm243+Cm244 will be conducted
			Marine soil	Upper part (Cs detail)	1/Week	when Pu-238 is detected.
				Marine soil (γ,Pu,Sr)	γ: 1/Month、Pu,Sr: 1/2 Months	(3) Upper part (α,β,H-3, Sr):
	2F Around North Discharge	-		Upper part (γ)		Analysis of All α , All β , H-3 and Sr-
	Channel	3		Upper part (Cs detail)	1/Week	90 at upper layer of the sea.
				Marine soil (γ) Upper part (γ)	1/Month	(4) Upper part (Cs detail), Middle
	Around the South Side of	4-2		Upper part (Cs detail)	1/Week	part (Cs detail), Lower part (Cs detail): Cs detail analysis of
	Kitasakogawa			Marine soil (γ)	1/Month	seawater at upper layer, middle
				Upper part (Cs detail)	1/Week	layer and lower layer by AMP
	3km Offshore of Odaka Ward	14		Lower part (Cs detail)		precipitation method (detection lim approx. 1mBg/L).
				Marine soil (γ)	1/Month	_
				Upper part (Cs detail) Lower part (Cs detail)	1/Week	(5) Marine soil (γ,Pu,Sr): Nuclide analysis of γ, Pu-238, Pu-
	3km Offshore of Ukedo River	D1		Upper part (α , β ,H-3,Sr,Pu)	1/Month	239+Pu240 and Sr-90 in the marin
				Marine soil (y)	1/Month	soil. Analysis of U-234, U-235, U-
			1	Upper part (Cs detail)		238, Am-241, Cm242 and Cm243+Cm244 will be conducted
			Seawater Marine soil	Lower part (Cs detail)	1/Week	when Pu-238 is detected.
	3km Offshore of 1F	D5		Upper part (α,β,H-3,Sr,Pu)	1/Month	(6) Marine soil (γ): Nuclide analysis
				Marine soil (γ)	1/Month	of γ in the marine soil.
				Upper part (Cs detail)	1/Week	(7) Lippor part (Sr): Apolysia of Sr
	3km Offshore of 2F	D9		Lower part (Cs detail)		 (7) Upper part (Sr): Analysis of Sr- 90 in the seawater at upper layer.
	15km Offshore of 1F 3km Offshore of Iwasawa	5		Upper part (α,β,H-3,Sr,Pu)	1/Month	
				Marine soil (γ)	1/Month	(8) Fish(γ): Nuclide analysis of γ in the fish and shellfish.
				Upper part (Cs detail) Lower part (Cs detail)	1/Week	
		5		Upper part (α , β ,H-3,Sr,Pu)	1/Month	 (9) Sr-90 will be conducted when the density of radioactive Cs is found
Within				Marine soil (y)	1/Month	high in the fish and shellfish.
20km				Upper part (Cs detail)		
Range of Fukushima				Lower part (Cs detail)	1/Week	
Daiichi				Marine soil (γ)	1/Month	
NPS	1km Offshore of Murakami, Odaka Ward			Marine soil (γ)		
	2km Offshore of Murakami,			Marine soil (y)		
	Odaka Ward 1km Offshore of Ukedo,			Marine soil (γ)		
	Namie Town 2km Offshore of Ukedo,			Marine soil (γ)		
	Namie Town 3km Offshore of Ukedo,					
	· · · · · · · · · · · · · · · · · · ·			Marine soil (v)		
	Namie Town			Marine soil (γ)	-	
	Namie Town 1km Offshore of Kumagawa, Okuma Town			Marine soil (γ) Marine soil (γ)		
	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa,		Marine soil		1/Month	
	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa,		Marine soil	Marine soil (γ) Marine soil (γ)	1/Month	
	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa, Okuma Town		Marine soil	Marine soil (γ) Marine soil (γ) Marine soil (γ)	1/Month	
	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa, Okuma Town 5km Offshore of Kumagawa, Okuma Town		Marine soil	Marine soil (γ) Marine soil (γ)	1/Month	
	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa,		Marine soil	Marine soil (γ) Marine soil (γ) Marine soil (γ)	1/Month	
	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa,		Marine soil	Marine soil (γ) Marine soil (γ) Marine soil (γ) Marine soil (γ) Marine soil (γ)	1/Month	
	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town		Marine soil	Marine soil (γ) Marine soil (γ) Marine soil (γ) Marine soil (γ) Marine soil (γ) Marine soil (γ)	1/Month	
	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 20km Offshore of Kumagawa, Okuma Town		Marine soil	Marine soil (γ) Marine soil (γ) Marine soil (γ) Marine soil (γ) Marine soil (γ)	1/Month	
	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa, Okuma Town 5km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 20km Offshore of Kumagawa, Okuma Town 20km Offshore of Kumagawa, Okuma Town 1km Offshore of		Marine soil	Marine soil (γ) Marine soil (γ) Marine soil (γ) Marine soil (γ) Marine soil (γ) Marine soil (γ)	1/Month	
Within	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 20km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 1km Offshore of Yamadahama, Naraha Town		Marine soil	Marine soil (γ)		
30km	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa, Okuma Town 5km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 20km Offshore of Kumagawa, Okuma Town 20km Offshore of Kumagawa, Okuma Town 1km Offshore of	7	Marine soil	Marine soil (γ) Marine soil (γ) Marine soil (γ) Marine soil (γ) Marine soil (γ) Marine soil (γ) Marine soil (γ)	1/Month	
	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa, Okuma Town 5km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 20km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, 15km Offshore of Jamagawa, 0kuma Town 15km Offshore of Iwasawa	7	Marine soil	Marine soil (γ) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Marine soil (γ)		
30km	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa, Okuma Town 5km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 20km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, 15km Offshore of Jamagawa, 0kuma Town 15km Offshore of Iwasawa		Marine soil	Marine soil (γ) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail)	- - - 1/Month	
30km Range Out of	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa, Okuma Town 5km Offshore of Kumagawa, Okuma Town 5km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 20km Offshore of Kumagawa, Okuma Town 1km Offshore of Yamadahama, Naraha Town 15km Offshore of Iwasawa Shore	7 18		Marine soil (γ) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail)	1/Month 1/2 Months 1/Month	
30km Range Out of 30km	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa, Okuma Town 5km Offshore of Kumagawa, Okuma Town 5km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 20km Offshore of Kumagawa, Okuma Town 1km Offshore of Yamadahama, Naraha Town 15km Offshore of Iwasawa Shore 3km Offshore of Onahama		Seawater	Marine soil (γ) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail)	- 1/Month 1/2 Months 1/2 Months 1/2 Months	
30km Range Out of	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa, Okuma Town 5km Offshore of Kumagawa, Okuma Town 5km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 20km Offshore of Kumagawa, Okuma Town 1km Offshore of Yamadahama, Naraha Town 15km Offshore of Iwasawa Shore 3km Offshore of Onahama		Seawater	Marine soil (γ) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Marine soil (γ)	1/Month 1/2 Months 1/Month	
30km Range Out of 30km	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa, Okuma Town 5km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 20km Offshore of Kumagawa, Okuma Town 1km Offshore of Kumagawa, Okuma Town 1km Offshore of Kumagawa, Okuma Town 1km Offshore of Kumagawa, Shore 3km Offshore of Iwasawa Shore 3km Offshore of Onahama Port	18	Seawater	Marine soil (γ) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail)	- 1/Month 1/2 Months 1/2 Months 1/2 Months	
30km Range Out of 30km Range	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa, Okuma Town 5km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 20km Offshore of Kumagawa, Okuma Town 1km Offshore of Kumagawa, Okuma Town 1km Offshore of Kumagawa, Okuma Town 1km Offshore of Kumagawa, Shore 3km Offshore of Iwasawa Shore 3km Offshore of Onahama Port	18 M10	Seawater	Marine soil (γ) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Marine soil (γ) Upper part (Cs detail)	1/Month 1/2 Months 1/Month 1/2 Months 1/2 Months	
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30km Range Out of 30km Range Out of 30km Range Iwaki	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa, Okuma Town 5km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 20km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 15km Offshore of Iwasawa Shore 3km Offshore of Onahama Port 5km Offshore of Numanouchi 3km Offshore of North of Iwaki City	18 M10 12	Seawater	Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Lower part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Marine soil (γ) Upper part (Cs detail) Marine soil (γ) Marine soil (γ) Upper part (Cs detail) Marine soil (γ) Upper part (Cs detail) Marine soil (γ)	1/Month 1/2 Months 1/2 Months 1/2 Months 1/2 Months 1/2 Months	
30km Range Out of 30km Range Out of 30km Range	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa, Okuma Town 5km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 20km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 15km Offshore of Iwasawa Shore 3km Offshore of Onahama Port 5km Offshore of Numanouchi 3km Offshore of North of Iwaki City	18 M10 12	Seawater Marine soil	Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail)	1/Month 1/2 Months 1/2 Months 1/Month 1/2 Months 1/2 Months 1/2 Months 1/2 Months 1/2 Months	
30km Range Out of 30km Range Out of 30km Range Iwaki	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa, Okuma Town 5km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 20km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 15km Offshore of Iwasawa Shore 3km Offshore of Onahama Port 5km Offshore of Numanouchi 3km Offshore of North of Iwaki City	18 M10 12	Seawater Marine soil	Marine soil (γ) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Lower part (Cs detail) Lower part (Cs detail) Lower part (Cs detail)	1/Month 1/2 Months 1/Month	
30km Range Out of 30km Range Ivaki Offshore	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa, Okuma Town 5km Offshore of Kumagawa, Okuma Town 5km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 20km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 15km Offshore of Iwasawa Shore 3km Offshore of Onahama Port 5km Offshore of Numanouchi 3km Offshore of North of Iwaki City 1km Offshore of Natsui River	18 M10 12 17-1	Seawater Marine soil	Marine soil (γ) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Lower part (Cs detail) Lower part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Lower part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Marine soil (γ)	1/Month 1/2 Months 1/2 Months 1/Month 1/2 Months 1/2 Months 1/2 Months 1/2 Months 1/2 Months	
30km Range Out of 30km Range Out of 30km Range Iwaki	Namie Town 1km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town 3km Offshore of Kumagawa, Okuma Town 5km Offshore of Kumagawa, Okuma Town 5km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 10km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 20km Offshore of Kumagawa, Okuma Town 15km Offshore of Kumagawa, Okuma Town 15km Offshore of Iwasawa Shore 3km Offshore of Onahama Port 5km Offshore of Numanouchi 3km Offshore of North of Iwaki City 1km Offshore of Natsui River	18 M10 12 17-1	Seawater Marine soil	Marine soil (γ) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Lower part (Cs detail) Marine soil (γ) Upper part (Cs detail) Lower part (Cs detail) Lower part (Cs detail) Lower part (Cs detail) Lower part (Cs detail)	1/Month 1/2 Months 1/Month 1/2 Months	

F	Place of Sampling	Place No. T-	Sampling	Content/Analysis Items	Analysis Frequency	Note
Out of 30km	3km Offshore of Soma	22		Upper part (Cs detail) Lower part (Cs detail)	-1/Month	
Range Haragama Offshore			Seawater	Marine soil (γ)	1/2 Months	
	5km Offshore of Kashima	MA	Marine soil	Upper part (Cs detail) Lower part (Cs detail)	-1/Month	
		IVIA		Marine soil (γ)	1/2 Months	
				Fish (γ)		
	Around 1km Offshore of Ota River	S1		Upper part (Cs detail) Lower part (Cs detail)		
	NIVEI			Marine soil (y)		
	Around 3km Offshore of Odaka Ward	S2		Fish (γ)		
				Upper part (Cs detail) Lower part (Cs detail)		
				Marine soil (γ)		
	Around 3km Offshore of Ukedo River	S3		Fish (γ) Upper part (Cs detail)		
				Lower part (Cs detail)	-	
				Marine soil (γ) Fish (γ)		
	Around 3km Offshore of 1F Around 2km Offshore of Kido River	S4		Upper part (Cs detail)		
		-		Lower part (Cs detail) Marine soil (γ)		
			Fish and shellfish Seawater	Fish (γ)		
		S5		Upper part (Cs detail) Lower part (Cs detail)	-	
				Marine soil (γ)	-	
Fish and	Around 2km Offshore of 2F	S7		Fish (γ)		
Fish and shellfish				Upper part (Cs detail) Lower part (Cs detail)	-1/Month	
			Marine soil	Marine soil (y)		
	Around 4km Offshore of Kumagawa	S8		Fish (γ) Upper part (Cs detail)		
				Lower part (Cs detail)		
				Marine soil (γ) Fish (γ)		l
	Around 15km Offshore of Odaka Ward	B1		Upper part (Cs detail)		
				Lower part (Cs detail)		
	Around 18km Offshore of Ukedo River	B2		Marine soil (γ) Fish (γ)		
				Upper part (Cs detail)		
				Lower part (Cs detail) Marine soil (γ)		
	Around 10km Offshore of 1F	B3		Fish (γ)		
				Upper part (Cs detail) Lower part (Cs detail)		
				Marine soil (y)		
	Around 10km Offshore of 2F	B4		Fish (γ) Upper part (Cs detail)		
				Lower part (Cs detail)		
				Marine soil (γ) Upper part (Cs detail)		
	Offshore of Minamisanriku	MG0		Middle part (Cs detail)		
				Lower part (Cs detail)	2/Month	
	Ishinomaki Bay	MG1	Seawater	Upper part (Cs detail) Middle part (Cs detail)		
				Lower part (Cs detail)		
	Offshore of Kinkasan East	MG2		Upper part (Cs detail) Middle part (Cs detail)		
				Lower part (Cs detail)		
Offshore of	Offshore of Kinkasan South	MG3 MG4		Upper part (Cs detail) Middle part (Cs detail)		
Miyagi Prefecture				Lower part (Cs detail)		
				Upper part (Cs detail) Middle part (Cs detail)		
	Central Area of Sendai Bay Offshore of Abukuma River			Lower part (Cs detail)		
		MG5 MG6		Upper part (Cs detail) Middle part (Cs detail)		
				Lower part (Cs detail)	1	
				Upper part (Sr) Upper part (Cs detail)	1/2 Months	
				Middle part (Cs detail)	2/Month	
	3km Offshore of Isohara			Lower part (Cs detail) Upper part (γ)		
	Shore	Z	Seawater	Lower part (γ)	1/Month	
	3km Offshore of Takadokobama Shore	А		Upper part (y)		
	3km Offshore of Kujihama	D		Lower part (γ) Upper part (γ)		
Offshore of	-	B C		Lower part (y)		
Ibaraki Prefecture				Upper part (γ) Lower part (γ)		
				Upper part (Sr)	1/2 Months	

3km Offshore of Hirai Shore	D	Upper part (γ)	
Skill Olisible of Fillar Shore	D	Lower part (y)	1/Month
3km Offshore of Hasaki Shore	E	Upper part (γ)	monun
Skill Olishore of Hasaki Shore	L	Lower part (y)	

	Place of Sampling	Place No.	Latitude (North Latitude)	Longitude (East Longitude)
	North of Discharge Channel of 5-6 Units of 1F	T-1	37°25 52	141°02 04
		T-2 ^{*3}	37°24 55	141°02 04
	Around South Discharge Channel of 1F	T-2-1 ^{*3}	37°24' 22"	141°02' 01"
Coast	Around North Discharge Channel of 2F	T-3	37°19 20	141°01 35
00031	2F Around Iwasawa Shore ^{*2}	T-4	37°14 30	141°00 50
	Around the North Side of Asamigawa *2 *4	T-4-1	37°12 37	141°00 20
	Around the South Side of Kitasakogawa ^{*4}	T-4-2	37°12 51	141°00 25
	3km Offshore of Odaka Ward	T-14	37°33 10	141°3 45
	3km Offshore of Iwasawa Shore	T-14	37°14 30	141°2 50
	3km Offshore of Ukedo River	T-D1	37°30 00	
	3km Offshore of 1F	T-D1	37°25 00	<u>141°4 20</u> 141°4 20
	3km Offshore of 2F	T-D3	37°20 00	141°4 20
	15km Offshore of 1F	T-5	37°25	141°12
	1km Offshore of Murakami, Odaka Ward	T-	37°33 6	141°12 141°2 30
	2km Offshore of Murakami, Odaka Ward	T-	37°33 6	141°3 00
	1km Offshore of Ukedo, Namie Town	T-	37°27 30	141°2 30
	2km Offshore of Ukedo, Namie Town	1- T-		141°2 30
	3km Offshore of Ukedo, Namie Town		37°27 30 37°27 30	141°3 00 141°3 30
	1km Offshore of Kumagawa, Okuma Town			
	2km Offshore of Kumagawa, Okuma Town 2km Offshore of Kumagawa, Okuma Town		37°23 00 37°23 00	<u>141°2 30</u> 141°3 00
	3km Offshore of Kumagawa, Okuma Town			
Within 20km Range of	5km Offshore of Kumagawa, Okuma Town		37°23 00 37°23 00	<u>141°3 30</u> 141°5 30
Fukushima Daiichi NPS	10km Offshore of Kumagawa, Okuma Town	T-		
Fukushiina Dalichi NFS	15km Offshore of Kumagawa, Okuma Town	<u></u> Т-	37°23 00 37°23 00	<u>141°10 00</u> 141°12 00
	20km Offshore of Kumagawa, Okuma Town	T-		
	1km Offshore of Yamadahama, Naraha Town	T-		
	Around 1km Offshore of Ota River		37°14 18	
		T-S1 T-S2	37°35 05	141°2 32
	Around 3km Offshore of Odaka Ward Around 3km Offshore of Ukedo River	T-S2	37°33 10	141°3 45
	Around 3km Offshore of 1F	T-S3	37°27 30	141°04 44
	Around 2km Offshore of Kido River	T-S4	37°25 43 37°15 54	141°04 57 141°02 22
	Around 2km Offshore of 2F ^{*1}	T-S5 T-S7		-
		T-S7	37°18 40 37°23 00	
	Around 4km Offshore of Kumagawa ^{*1} Around 15km Offshore of Odaka Ward	T-B1	37°23 00 37°32	
		Т-В1		141°13
	Around 18km Offshore of Ukedo River Around 10km Offshore of 1F	Т-В2 Т-В3	37°31	141°14 141°09 15
			37°24 28	
Within 30km Range of	Around 10km Offshore of 2F 1km Offshore of Nida River	T-B4 T-13-1	37°20 54	141°08 55
Fukushima Daiichi NPS		-	37°38 27	141°02 33
Fukushima Dalichi NPS	15km Offshore of Iwasawa Shore	T-7	37°14	141°12
	3km Offshore of Onahama Port	T-18 T-12	36°54 20	140°55 20
Offshoro	3km offshore of North of Iwaki City		37°09 00	141°2 15
	of 1km Offshore of Natsui River	T-17-1	37°03 20	141°00 25
Fukushir		T-20	<u>36°58 00</u>	<u>141°00 00</u>
Prefectu		T-22 T-MA	37°49 28	<u>141°1 21</u>
	5km Offshore of Kashima		37°45	141°5
	5km Offshore of Numanouchi	T-M10	37°00	141°5
Out of 30km	3km Offshore of Isohara Shore	T-Z	<u>36°47 30</u>	140°47 21
()ttshore	of 3km Offshore of Takadokobama Shore	T-A	36°42 50	140°45 50
Range of Ibarak	3km Offshore of Kujihama Shore	T-B	36°30 23	140°39 56
Fukushima Prefectu	3km Offshore of Oarai Shore	T-C	36°17 59	140°36 14
Daiichi NPS	3km Offshore of Hirai Shore	T-D	35°59 15	140°42 08
	3km Offshore of Hasaki Shore	T-E	<u>35°47 46</u>	140°50 14
	Offshore of Minamisanriku	T-MG0	38°38	141°35
O#at	Ishinomaki Bay	T-MG1	38°20	141°17
Offshore		T-MG2	38°18	141°40
Miyagi		T-MG3	38°14	141°35
Prefectu	ÿ	T-MG4	38°15	141°08
	Central Area of Sendai Bay	T-MG5	38°10	141°15
	Offshore of Abukuma River	T-MG6	38°05	141°00

Sampling Locations of the Sea Area Monitoring Conducted by Tokyo Electric Power Company

* 1F: Fukushima Daiichi Nuclear Power Station, 2F: Fukushima Daini Nuclear Power Station
*1 Place No. "T-S6" was changed to "T-S7" in May 2012. "T-S8" was added in July 2012.
*2 "T-4-1" was newly set to substitute for "T-4" in October 2012 as the road to access "T-4" has been closed since mid-September 2012.

*3 "T-2-1" was newly set to substitute for "T-2", since it is impossible to conduct marine soil (sand) sampling due to erosion. *4 "T-4-2" was newly set to substitute for "T-4-1" in March 2013 as the road to access "T-4-1" has been closed since mid-March 2013.



Figure 1. Sampling Locations (Seawater, etc.) (Fukushima Coast, Planning for FY 2013)



Figure 2. Sampling Locations (Seawater, etc.) (Ibaraki Coast, Planning for FY 2013)



Figure 3. Sampling Locations (Seawater, etc.) Miyagi Coast, Planning for FY 2013)